

#5

Rec'd PCT/PTO 12 NOV 2002  
10/031110

Express Mail No.: EL 500 576 406 US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Stewart et al.

Confirmation No. 2462

Application No.: 10/031,110 (National stage of  
International Application No.  
PCT/EP00/06533, filed July 10, 2000)

Group Art Unit: To Be Assigned

Filed: July 10, 2000

Examiner: To Be Assigned

For: METHODS AND COMPOSITIONS FOR DIRECTED  
CLONING AND SUBCLONING USING HOMOLOGOUS  
RECOMBINATION

Atty Docket No.: 9882-013-999

**AMENDMENT AND TRANSMITTAL  
OF SUBSTITUTE SEQUENCE LISTING**

Assistant Commissioner for Patents  
BOX PCT  
Washington, DC 20231

S I R :

In reply to the Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed June 18, 2002, and in accordance with the Rules of Practice, Applicants submit herewith a substitute SEQUENCE LISTING in paper and computer readable form pursuant to 37 C.F.R. § 1.821(c), (d) and (e), respectively.

Please enter the following amendment to the specification. Please add the paper copy of the substitute SEQUENCE LISTING (pages 1-4) submitted herewith to the specification after the section entitled "ABSTRACT OF THE INVENTION" and before "FIG.1."

I hereby state that the content of the paper and computer-readable copies of the Substitute Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same. I hereby state that the submission herein under 37 C.F.R. § 1.821(g) does not include new matter.

Respectfully submitted,

Date November 12, 2002

Adriane M. Antler 32,605  
Adriane M. Antler (Reg. No.)

By:

Eileen E. Falvey 46,097  
Eileen E. Falvey (Reg. No.)

**PENNIE & EDMONDS LLP**  
1155 Avenue of the Americas  
New York, N.Y. 10036-2711  
(212) 790-9090

Enclosures